

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims in this application.

1. (Original) A system for performing restorative dentistry on a subject, comprising:

(a) a diagnostic method, said diagnostic method comprising the steps of:

- (i) taking maxillary and mandibular casts of said subject;
- (ii) placing a resin frame over at least one of said casts, and wherein the dimensions of said frame substantially correspond to the dimensions of at least of said casts, and wherein said frame further comprises a plurality of apertures passing through the body of said frame;
- (iii) creating a hole in said resin frame, wherein the location of said hole substantially corresponds to the central portion of said at least one cast; and

(b) a surgical method, said surgical method comprising the steps of:

- (i) placing a first dental implant in the jaw said subject on which said restorative dentistry is being performed, and wherein said implant is centrally located on said jaw;
- (ii) securing a waxing sleeve to said first implant;
- (iii) placing said frame over said waxing sleeve and placing a plurality of dental implants in said subjects jaw using said apertures in said frame as a guide;
- (iv) removing said frame from the subjects mouth and securing waxing sleeves to the remaining implants;
- (v) placing said frame component back in the subject's mouth and securing said frame to said waxing sleeves to create a framework;

- (vi) removing said framework from said subject;
- (vii) casting said framework into a metal alloy;
- (viii) mounting a dental prosthetic to said framework; and
- (ix) mounting said prosthesis to said subject's jaw.

2. (New) A system for performing restorative dentistry on a subject, comprising:

(a) a plurality of devices for use within the mouth of the subject, wherein the plurality of the device further comprises:

- (i) a plurality of implants adapted to be implanted in the subject's jawbone;
- (ii) a plurality of sleeves, wherein each of the sleeves is adapted to be mounted on each of the implants;
- (iii) a frame adapted to be mounted on the plurality of sleeves; and
- (iv) a dental prosthetic adapted to be mounted on the plurality of implants; and

(b) a method for installing the dental prosthetic, comprising:

- (i) making at least one cast of the subject's jawbone;
- (ii) using the cast to determine both the relative positions of the implants within the jawbone and the shape and dimensions of the frame;
- (iii) surgically implanting the implants in the subject's jawbone;
- (iv) attaching the sleeves to the implants;
- (v) attaching the frame to the sleeves to create a framework;
- (vi) removing the framework from the implants and from the subject's mouth;
- (vii) casting the framework into a permanent substrate;
- (viii) attaching the dental prosthetic to the substrate to form an assembly; and

(ix) mounting the assembly on the implants within the subject's mouth.

3. (New) The system of claim 2, further comprising the steps of determining the distance between the edentulous mandibular ridge and the maxillary occlusal plane within the mouth of the subject and determining the available bone height within the mouth of the subject.

4. (New) The system of claim 3, further comprising the step of removing a predetermined amount of bone from the subject's jaw prior to implanting the implants.

5. (New) The system of claim 2, further comprising the step of using the frame as a template for mounting the implants.

6. (New) The system of claim 2, further comprising the steps of mounting the substrate in the subject's and attaching a wax occlusion rim to the substrate to determine the relative position of the subject's jaws.

7. (New) The system of claim 2, wherein the implants are stainless steel pegs.

8. (New) The system of claim 2, wherein the implants are implanted equidistant from one another.

9. (New) The system of claim 2, wherein the sleeves are wax sleeves.

10. (New) The system of claims 1, wherein the frame further comprises a prefabricated resin bar.

11. (New) The system of claim 1, wherein the substrate is a metal alloy.